

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525

DATE: 05/24/95
TIME: 08:29:50

INPUT SET: S3840.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

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SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Chee, Mark S.
Wang, Chunwei
Jevons, Luis C.
Bernhart, Derek H.
Lipshutz, Robert J.

(ii) TITLE OF INVENTION: Computer-Aided Visualization and
Analysis System for Sequence Evaluation

(iii) NUMBER OF SEQUENCES: 39

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Townsend and Townsend Kourie and Crew
(B) STREET: One Market Plaza, Steuart Tower, Suite 2000
(C) CITY: San Francisco
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94105

(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: US
(B) FILING DATE:
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Norviel, Vernon A.
(B) REGISTRATION NUMBER: 32,483
(C) REFERENCE/DOCKET NUMBER: 16528X-82

(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 415-326-2400
(B) TELEFAX: 415-326-2422

ERRORED SEQUENCES FOLLOW:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525DATE: 05/24/95
TIME: 08:29:54

INPUT SET: S3840.raw

221 (2) INFORMATION FOR SEQ ID NO:12:
222
223 (i) SEQUENCE CHARACTERISTICS:
--> 224 (A) LENGTH: 59 base pairs
225 (B) TYPE: nucleic acid
226 (C) STRANDEDNESS: single
227 (D) TOPOLOGY: linear
228
229 (ii) MOLECULE TYPE: DNA (oligonucleotide)
230
231
232
233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
234
--> 235 GCATTAGTAG AGATATGGAG AGRARDGGRA AXXXAAGGGA AAATTNNNAA AATTGGGGCC 59
236

"X" is not a valid nucleic acid designator according to §1.822(b) of the Rules. Use N.

237 (2) INFORMATION FOR SEQ ID NO:13:
238
239 (i) SEQUENCE CHARACTERISTICS:
--> 240 (A) LENGTH: 59 base pairs
241 (B) TYPE: nucleic acid
242 (C) STRANDEDNESS: single
243 (D) TOPOLOGY: linear
244
245 (ii) MOLECULE TYPE: DNA (oligonucleotide)
246
247
248
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
250
--> 251 GCATTAGTAG AGATATGKAS AGRARDGGRA AXXXAAGGGA AAATNNNAA AATTGGGGCC 59
252
253

edit throughout

254 (2) INFORMATION FOR SEQ ID NO:14:
255
256 (i) SEQUENCE CHARACTERISTICS:
--> 257 (A) LENGTH: 59 base pairs
258 (B) TYPE: nucleic acid
259 (C) STRANDEDNESS: single
260 (D) TOPOLOGY: linear
261
262 (ii) MOLECULE TYPE: DNA (oligonucleotide)
263
264
265
266 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
267
--> 268 GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXAAGGGA AAADTYNNAA AATTGGGGCC 59
269

270 (2) INFORMATION FOR SEQ ID NO:15:

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TIME: 08:29:58

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271
272 (i) SEQUENCE CHARACTERISTICS:
--> 273 (A) LENGTH: 59 base pairs
274 (B) TYPE: nucleic acid
275 (C) STRANDEDNESS: single
276 (D) TOPOLOGY: linear
277
278 (ii) MOLECULE TYPE: DNA (oligonucleotide)
279
280
281
282 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:
283
--> 284 GCATTAGTAG AGATATGTAS AGRRADGGAA AXGGAAGGGA AAATTNNNNA AATTGGGCC 59
285

286 (2) INFORMATION FOR SEQ ID NO:16:
287
288 (i) SEQUENCE CHARACTERISTICS:
--> 289 (A) LENGTH: 59 base pairs
290 (B) TYPE: nucleic acid
291 (C) STRANDEDNESS: single
292 (D) TOPOLOGY: linear
293
294 (ii) MOLECULE TYPE: DNA (oligonucleotide)
295
296
297
298 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:
299
--> 300 GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGGAAGGGA AAATTNNNNA AATTGGGCC 59
301

302 (2) INFORMATION FOR SEQ ID NO:17:
303
304 (i) SEQUENCE CHARACTERISTICS:
--> 305 (A) LENGTH: 59 base pairs
306 (B) TYPE: nucleic acid
307 (C) STRANDEDNESS: single
308 (D) TOPOLOGY: linear
309
310 (ii) MOLECULE TYPE: DNA (oligonucleotide)
311
312
313
314 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:
315
--> 316 GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGGAAGGGA AAATTNNNNA AATTGGGCC 59
317

318 (2) INFORMATION FOR SEQ ID NO:18:
319
320 (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING
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TIME: 08:30:02

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--> 321 (A) LENGTH: 59 base pairs
322 (B) TYPE: nucleic acid
323 (C) STRANDEDNESS: single
324 (D) TOPOLOGY: linear
325
326 (ii) MOLECULE TYPE: DNA (oligonucleotide)
327
328
329
330 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:
331
--> 332 GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXMAAGGGA AAKTNNNAA AATTGGGCC 59
333

494 (2) INFORMATION FOR SEQ ID NO:27:
495
496 (i) SEQUENCE CHARACTERISTICS:
--> 497 (A) LENGTH: 160 base pairs
498 (B) TYPE: nucleic acid
499 (C) STRANDEDNESS: single
500 (D) TOPOLOGY: linear
501
502 (ii) MOLECULE TYPE: DNA (oligonucleotide)
503
504
505
506 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:
507
--> 508 TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAATCTT CTTTACYCAA ACGGTCCTXC 60
509
510 TACCTTTGGT TTTTACTATC CCMCTTAACC TCCAAAATAG TTTCATTCTG TCATACTAGT 120
511
512 CTATGAGTAG CTTTAGACAC CTGTATTTTCG ATATCCATGT 160
513

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/327,525

DATE: 05/24/95

TIME: 08:30:05

INPUT SET: S3840.raw

Line	Error	Original Text
31	Wrong application Serial Number	(A) APPLICATION NUMBER: US
224	Entered (59) and Calc. Seq. Length (56) differ	(A) LENGTH: 59 base pairs
235	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
235	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
235	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
235	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGGAG AGRARDGGRA AXXX
240	Entered (59) and Calc. Seq. Length (56) differ	(A) LENGTH: 59 base pairs
251	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
251	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
251	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
251	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGKAS AGRARDGGRA AXXX
257	Entered (59) and Calc. Seq. Length (56) differ	(A) LENGTH: 59 base pairs
268	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA
268	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA
268	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA
268	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGKAS AGRRRDGGRA AXXXA
273	Entered (59) and Calc. Seq. Length (58) differ	(A) LENGTH: 59 base pairs
284	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGTAS AGRRADGGAA AXGG
284	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGTAS AGRRADGGAA AXGG
289	Entered (59) and Calc. Seq. Length (58) differ	(A) LENGTH: 59 base pairs
300	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGG
300	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGTAC AGRGAGGGAA AXGG
305	Entered (59) and Calc. Seq. Length (58) differ	(A) LENGTH: 59 base pairs
316	Wrong Nucleic Acid Designator	GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGG
316	# of Sequences for line conflicts w/ running total	GCATTAGTAG AGATATGTAS AGRGAGGGAA AXGG
321	Entered (59) and Calc. Seq. Length (57) differ	(A) LENGTH: 59 base pairs
332	Wrong Nucleic Acid Designator	GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXM
332	Wrong Nucleic Acid Designator	GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXM
332	# of Sequences for line conflicts w/ running total	GCATTAGTAG GAGGNNNGAC AGGGRKGGAA AXXM
497	Entered (160) and Calc. Seq. Length (159) differ	(A) LENGTH: 160 base pairs
508	Wrong Nucleic Acid Designator	TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAA
508	# of Sequences for line conflicts w/ running total	TCGAGATAAT CTATGTCCTC GTCTACTATG TCATAA